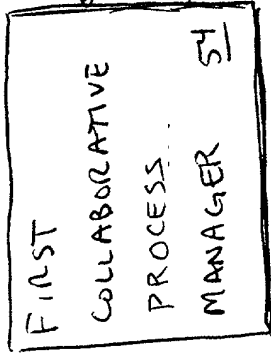


PEER TO PEER
COMMUNICATION &
SYNCHRONIZATION
MECHANISM 64



SECOND ENTERPRISE

FIRST ENTERPRISE

COLLABORATIVE PROCESS MANAGER (CPM) 200

PROCESS ROLES
214

WORK NODE 218

TASK ROLE
DETERMINATION
MODULE 210

SCHEDULER
220

DISPATCHER
224

PRIVATE
SUB-PROCESS
MANAGER
250

OUT-OF-ORDER
HANDLER
MECHANISM 240

TASK RETURN
MESSAGE
GENERATOR
230

FIG. 2

Define Process

Roles	Buyer, Seller
Taskrole	T1/Buyer, T2/Seller
Proc_instant role	
Payers	
Key	
Proc data packet	

Create Process Instance

Roles	Buyer, Seller
Taskrole	T1/Buyer, T2/Seller
Proc_instant role	Seller
Payers	Seller[D1/A, Buyer[D2/B
Key	
Proc data packet	Data instances

Instantiate Peer Process Instances

Roles	Buyer, Seller
Taskrole	T1/Buyer, T2/Seller
Proc_instant role	Seller
Payers	Seller[D1/A, Buyer[D2/B
Key	D1/A-100001
Proc data packet	Data instances

FIG. 3A

FIG. 3B

FIG. 3C

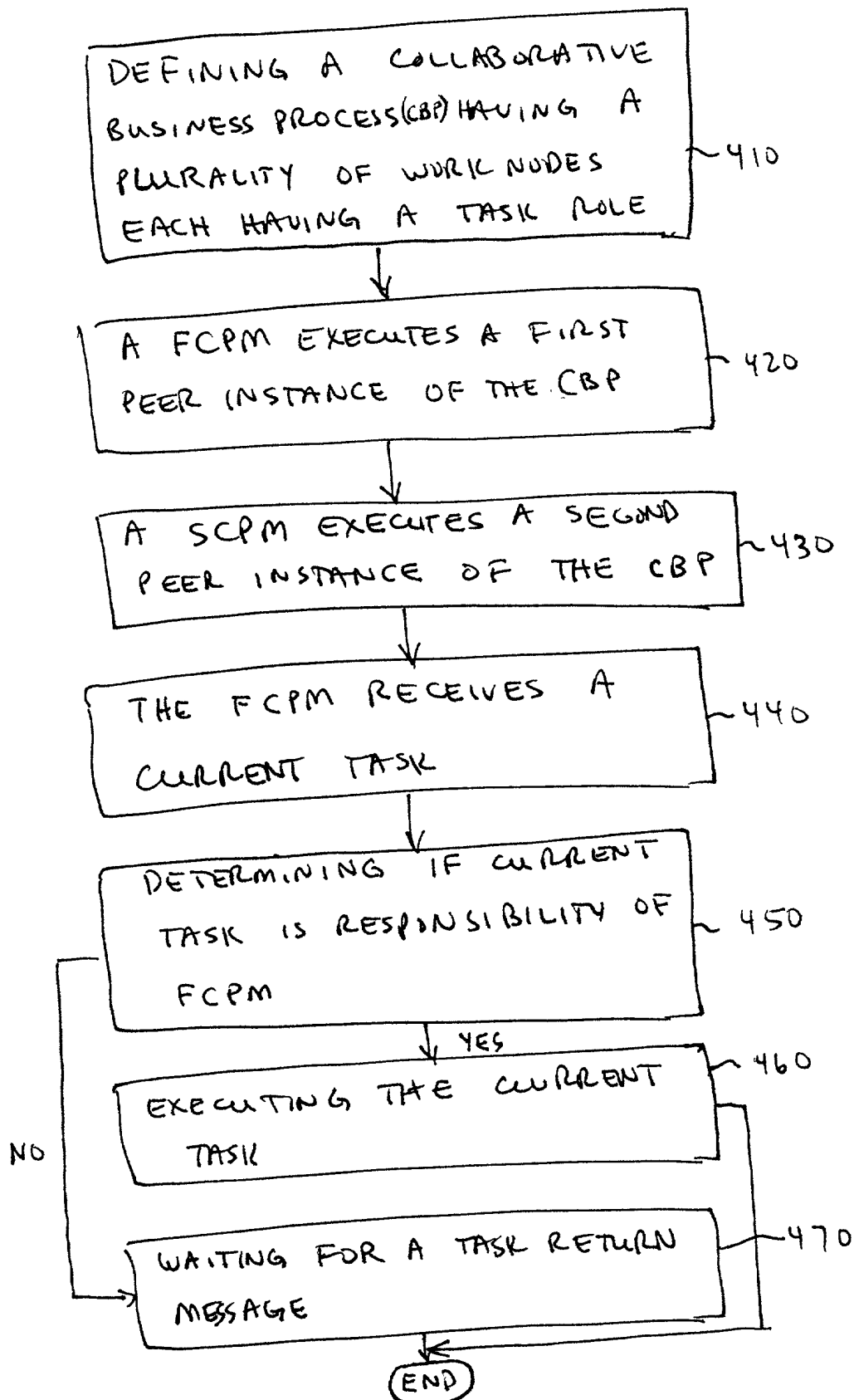


FIG. 4

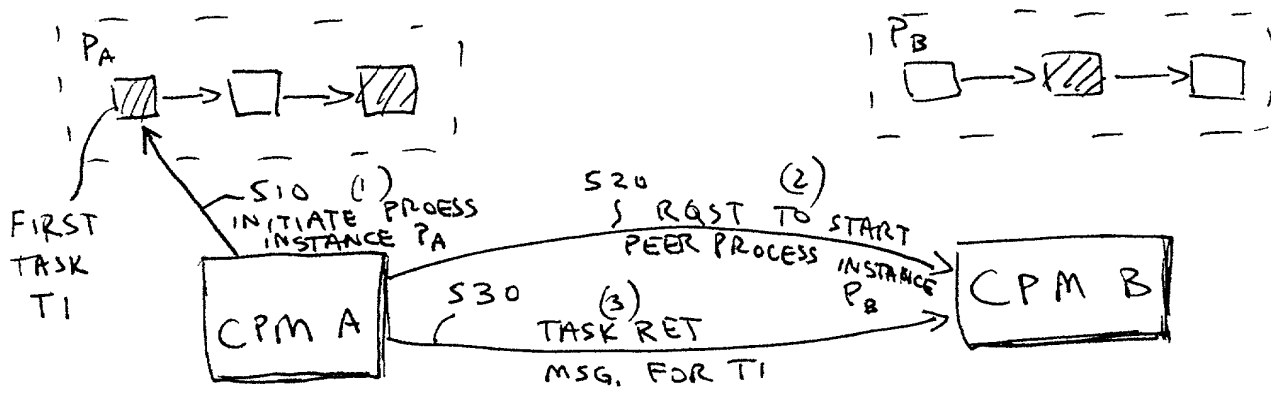


FIG. 5

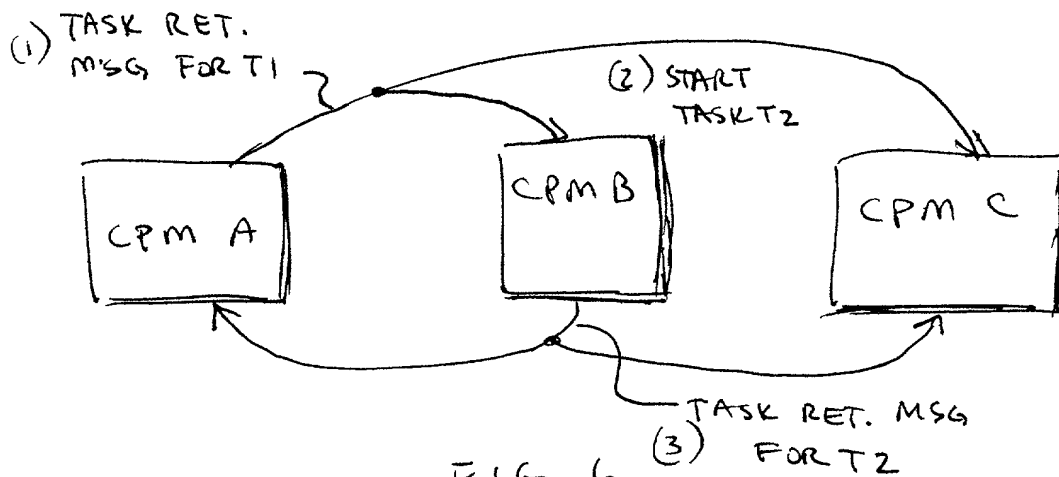
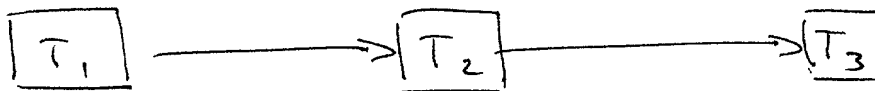


FIG. 6

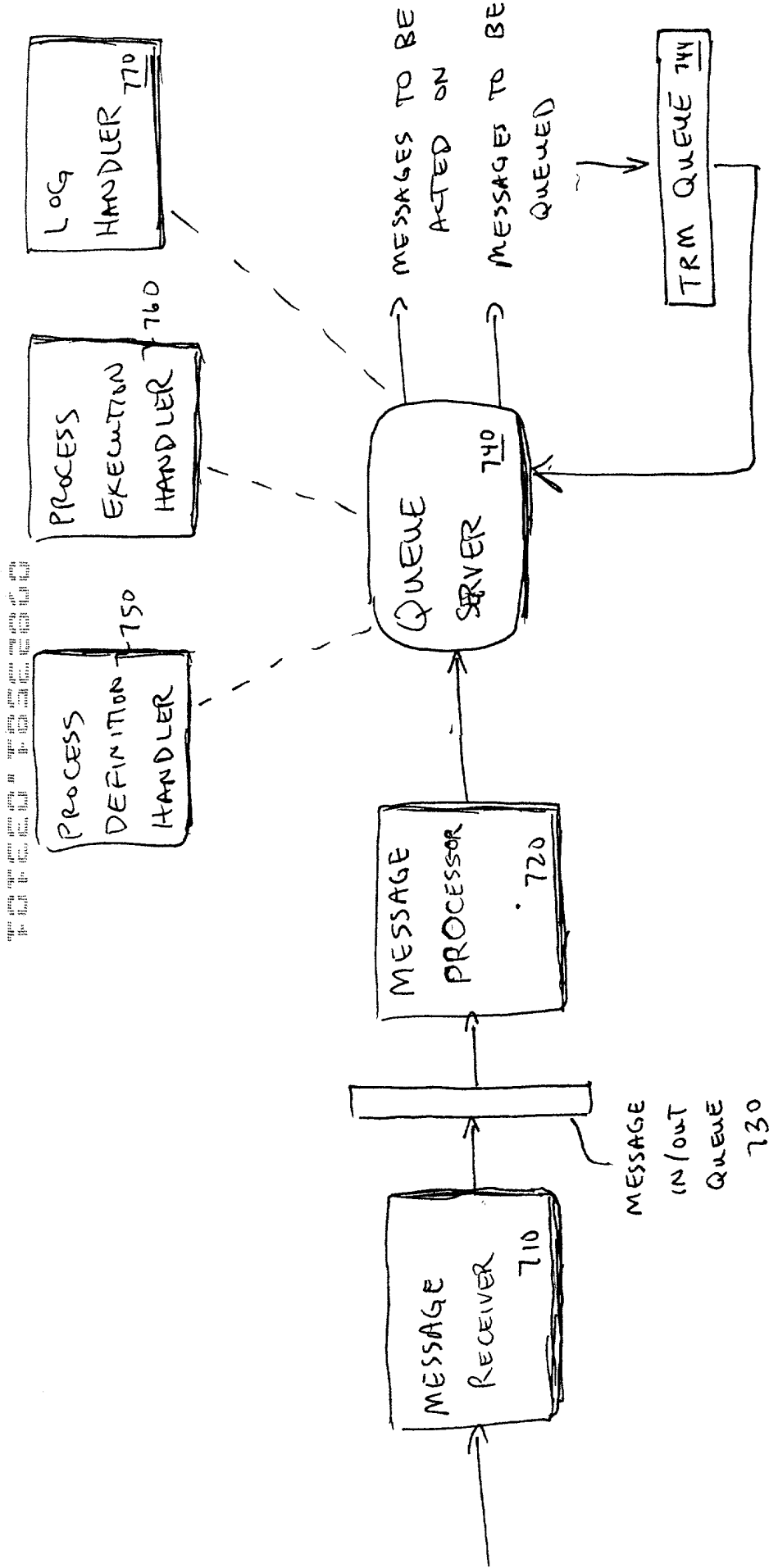


FIG. 7

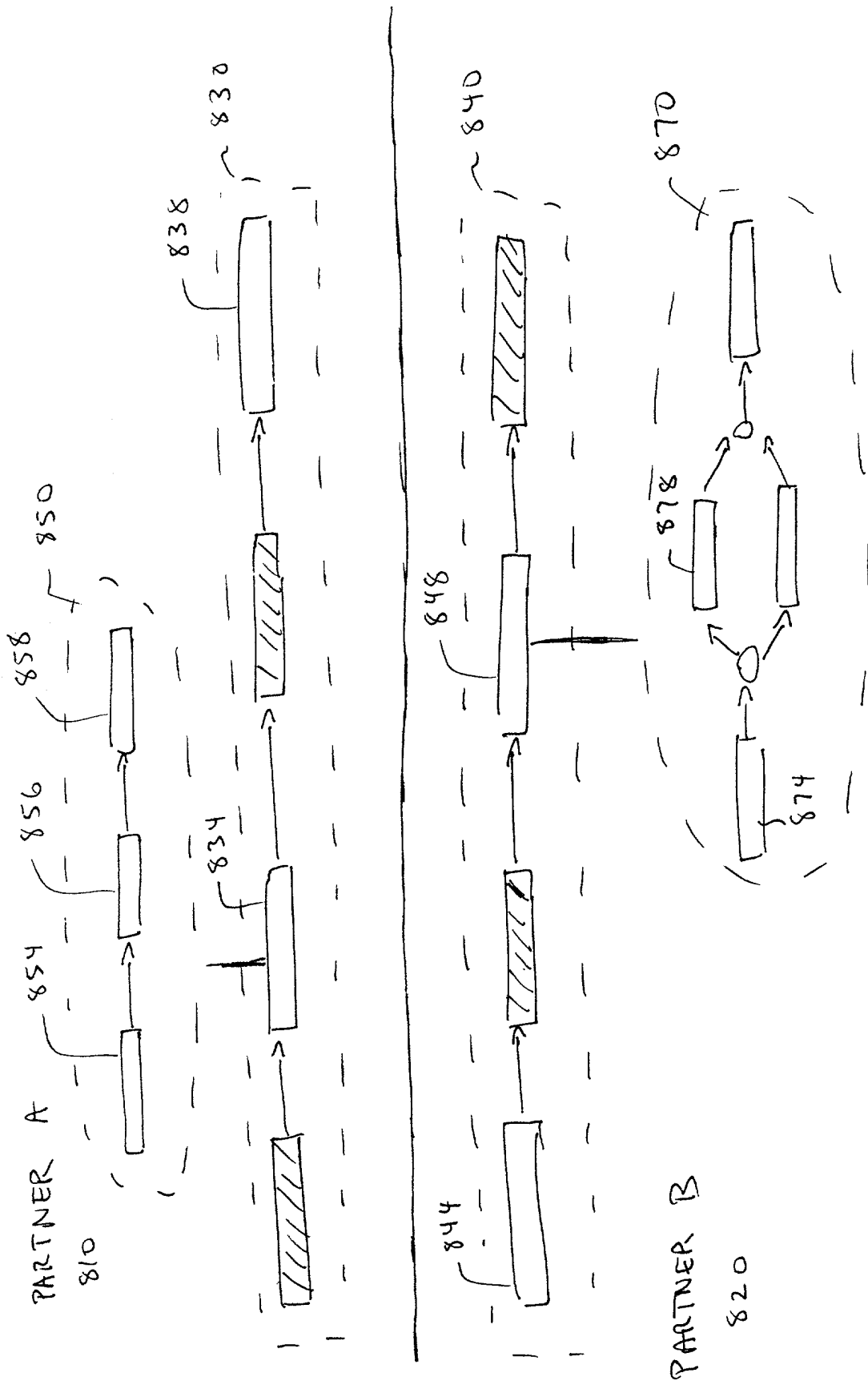


FIG. 8